Early Journal Content on JSTOR, Free to Anyone in the World

This article is one of nearly 500,000 scholarly works digitized and made freely available to everyone in the world by JSTOR.

Known as the Early Journal Content, this set of works include research articles, news, letters, and other writings published in more than 200 of the oldest leading academic journals. The works date from the mid-seventeenth to the early twentieth centuries.

We encourage people to read and share the Early Journal Content openly and to tell others that this resource exists. People may post this content online or redistribute in any way for non-commercial purposes.

Read more about Early Journal Content at http://about.jstor.org/participate-jstor/individuals/early-journal-content.

JSTOR is a digital library of academic journals, books, and primary source objects. JSTOR helps people discover, use, and build upon a wide range of content through a powerful research and teaching platform, and preserves this content for future generations. JSTOR is part of ITHAKA, a not-for-profit organization that also includes Ithaka S+R and Portico. For more information about JSTOR, please contact support@jstor.org.

57—6

Proceedings of the American Academy of Arts and Sciences.

Vol. 57. No. 6 — April, 1922.

THE FAILURE OF OHM'S LAW IN GOLD AND SILVER AT HIGH CURRENT DENSITIES.

By P. W. Bridgman.

(Continued from page 3 of cover.)

VOLUME 57.

1. KENT, NORTON A. and TAYLOR, LUCIEN B.— The Grid Structure in Echelon Spectrum Lines. pp. 1–18. December, 1921. $.75.
2. LOTKA, ALFRED J.— The General Conditions of Validity of the Principle of Le Chatelier. pp. 19–37. January, 1922. $.75.
3. BRIDGMAN, P. W.— The Effect of Tension on the Electrical Resistance of Certain Abnormal Metals. pp. 39–66. April, 1922. $1.00.
4. BELL, LOUIS.— Notes on the Early Evolution of the Reflector. pp. 67–74. February, 1922. $.50.
5. BRIDGMAN, P. W.— The Effect of Pressure on the Thermal Conductivity of Metals. pp. 75–127. April, 1922. $1.25.
6. BRIDGMAN, P. W.— The Failure of Ohm's Law in Gold and Silver at High Current Densities. pp. 129–172. April, 1922. $1.25.

Proceedings of the American Academy of Arts and Sciences.

VOL. 57. NO. 6.— APRIL, 1922.

THE FAILURE OF OHM'S LAW IN GOLD AND SILVER AT HIGH CURRENT DENSITIES.

BY P. W. BRIDGMAN.